ACURA

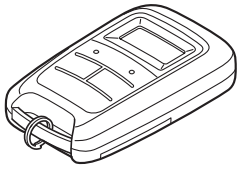
INSTALLATION INSTRUCTIONS

Accessory	Application	Publications No.
REMOTE CONTROL ENGINE STARTER	2014 RDX	BII 48865
		Issue Date MARCH 2013

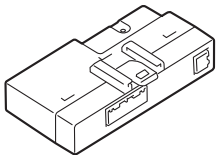
PARTS LIST

Remote Engine Starter Unit Kit
P/N 08E91-E54-200

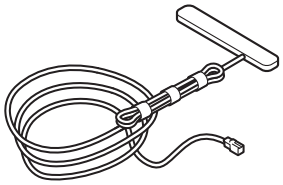
Transmitter



Control unit



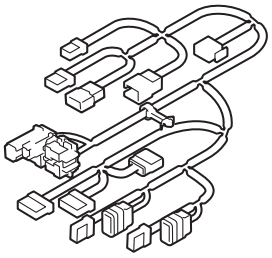
Antenna



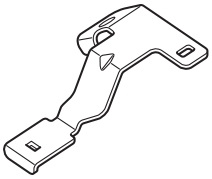
ID label

Remote Control Engine Starter Attachment Kit
P/N 08E92-E54-200A

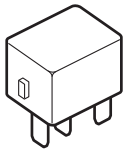
Engine starter harness



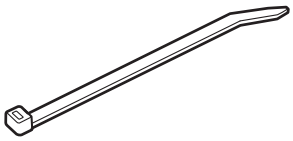
Control unit bracket



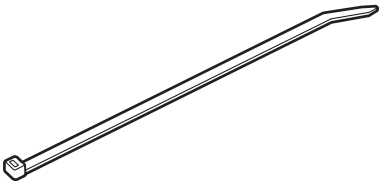
3 Relays



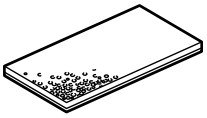
15 Wire ties



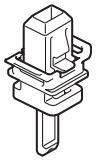
3 Long wire ties



8 Urethane tapes

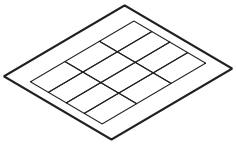


Clip



Caution label

Fuse label



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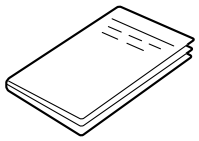
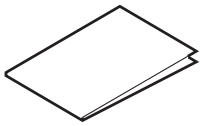
Accessory User's Information Manual



Quick Start Guide



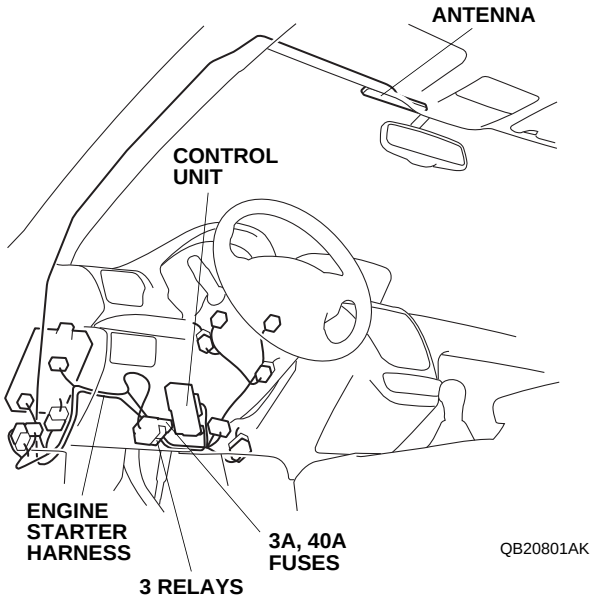
TOOLS AND SUPPLIES REQUIRED

Flat-tip screwdriver
Phillips screwdriver
Ratchet
10 mm and 12 mm Sockets
Isopropyl alcohol
Shop towel
Tape measure
Scissors
HDS/MVCI
Masking tape
Diagonal cutters
Ruler
Electrical tape
Pushpin
Felt-tip pen
File
Eye protection (face shield, safety goggles, etc.)
Drill
3 mm and 6 mm Drill bits

The following tool is available through the Honda Tool and Equipment Program. On the iN, click on: Service > Service Bay > Tool and Equipment Program, then enter the number under "Search". Or, call 888-424-6857.

- Plastic Trim Tool (T/N SILTRIMTL10)

Illustration of the Remote Control Engine Starter in the Vehicle



INSTALLATION

Client Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

1. Disconnect the negative cable from the battery.

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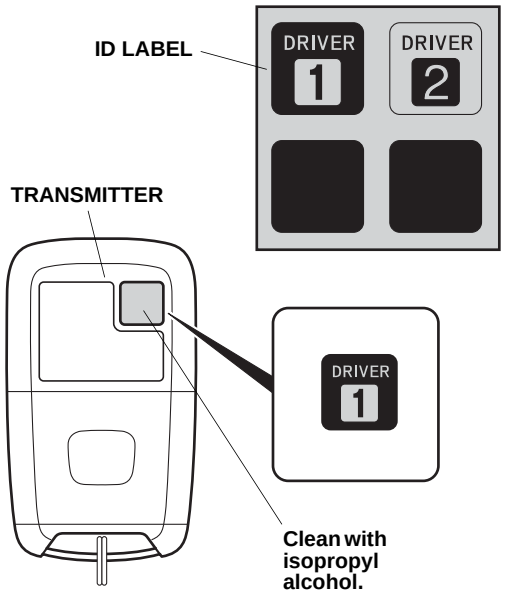
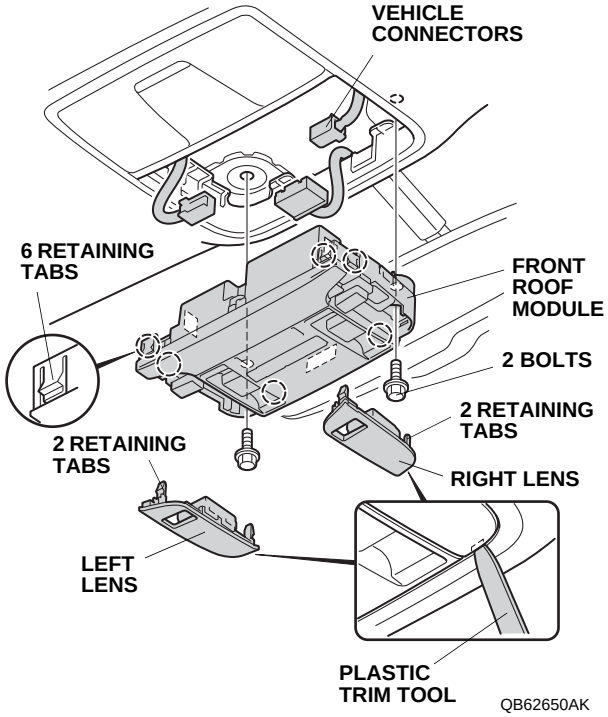
2. Using isopropyl alcohol on a shop towel, clean the area where the ID label will attach.
NOTE: The remote is factory set for driver 1 remote control. To program the driver 2 remote, follow the "REMOTE CONTROL ENGINE STARTER TRANSMITTER REGISTRATION" instructions on ISIS.



QB20939DH

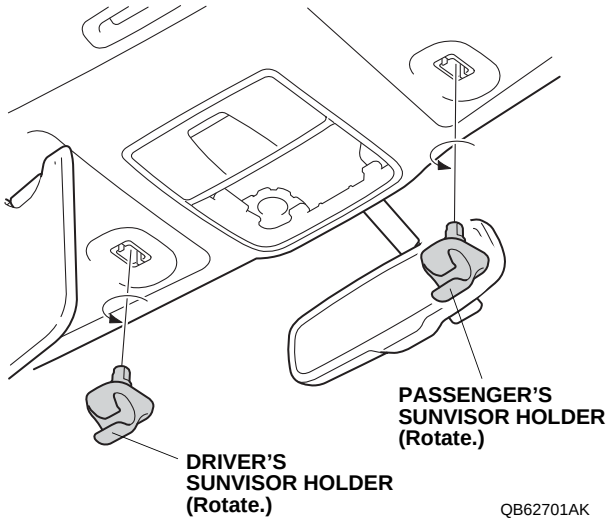
3. Attach the "DRIVER 1" ID label to the transmitter in the area as shown.

4. Using a plastic trim tool, remove the left and right lenses from the front roof module (two retaining tabs for each lens).



QB62650AK

5. Remove the front roof module (two bolts, six retaining tabs, and unplug the vehicle connectors).
6. Remove the driver's and passenger's sunvisor holders.



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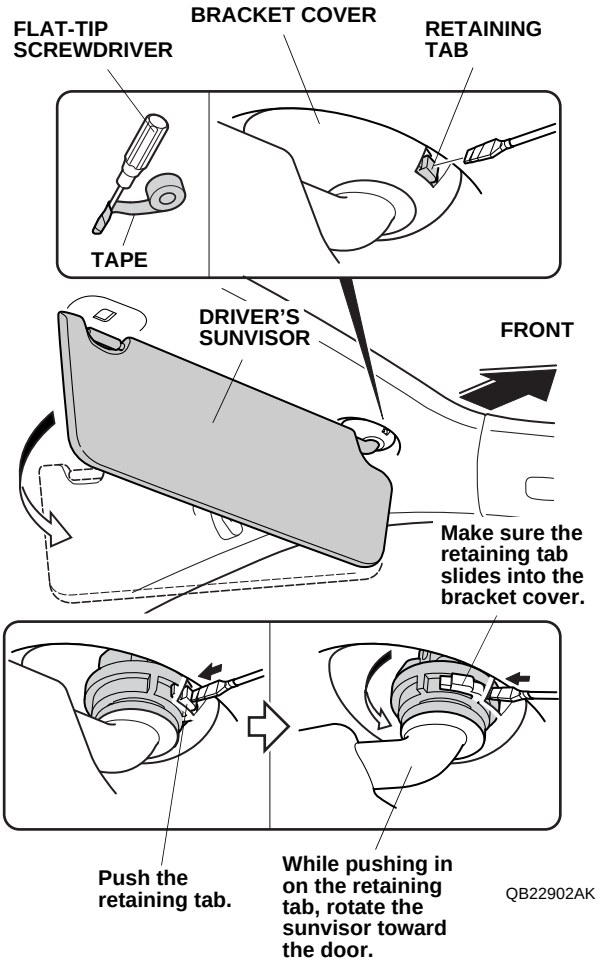
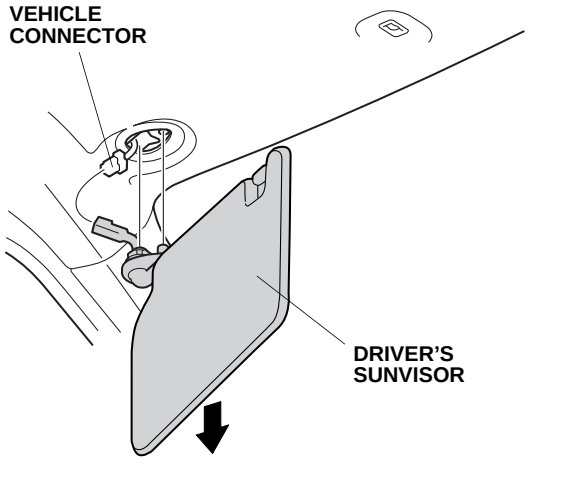
7. Remove the driver's sunvisor:
   - Pivot the right sunvisor downward.
   - Wrap tape around the tip of a flat-tip screwdriver.
   - Locate the slot in the bracket cover, and insert the flat-tip screwdriver into the slot. Push in and hold the retaining tab.
   - While holding the retaining tab, push up on the sunvisor and rotate it toward the door.

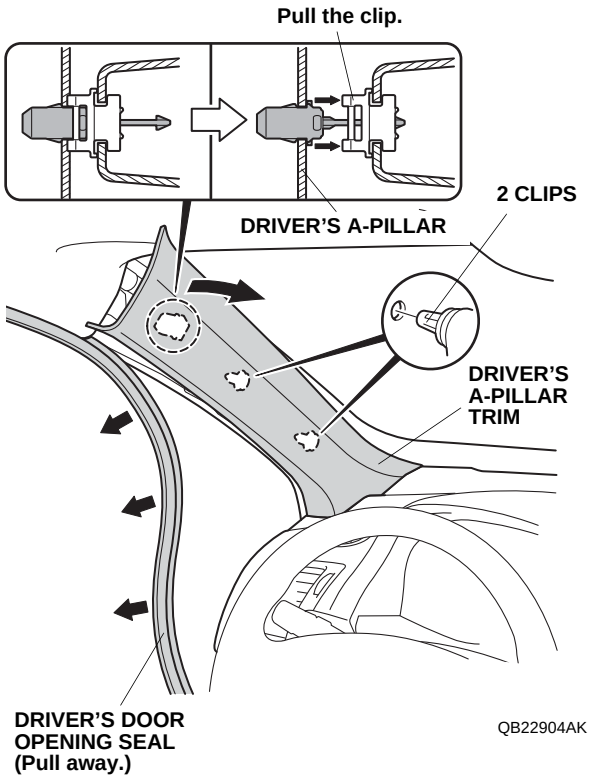
   NOTE: If the retaining tab did not stay pushed in, return the sunvisor to its original position and repeat this step.



   - Remove the driver's sunvisor (unplug the vehicle connector).



8. Remove the driver's A-pillar trim.
   - Pull away the driver's door opening seal from the driver's A-pillar trim.
   - Pull out on the driver's A-pillar trim to release three clips.



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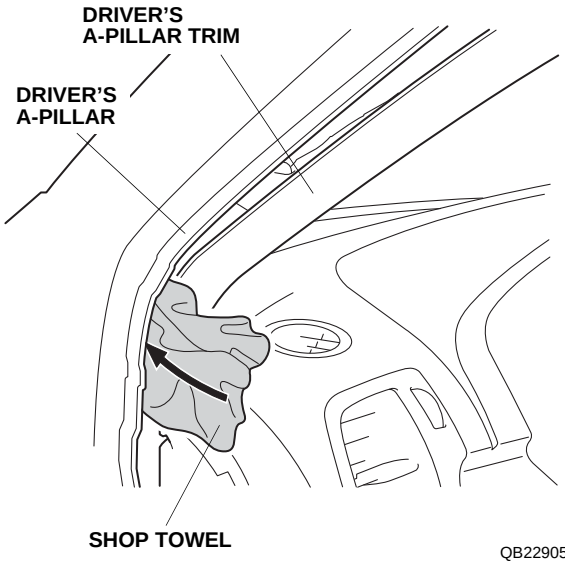
- To prevent clips from falling into the body panel area, carefully insert a shop towel between the driver's A-pillar and the driver's A-pillar trim.



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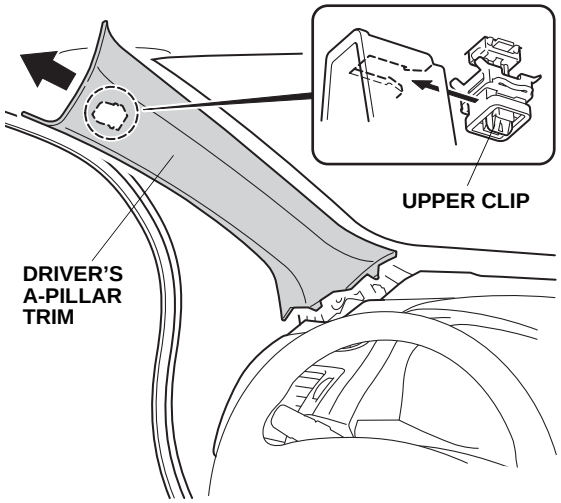
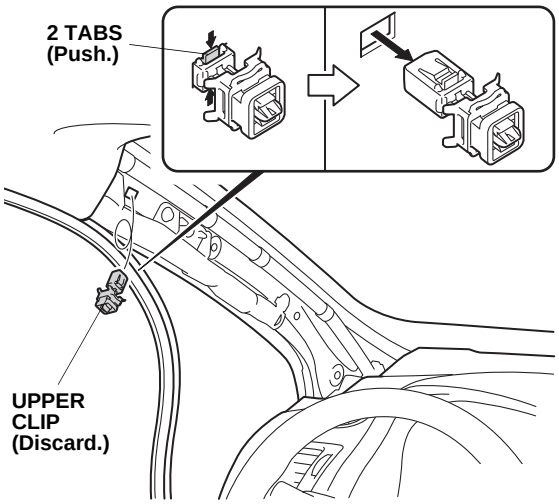
- Slide the driver's A-pillar trim upward, and remove the driver's A-pillar trim.
- Remove the shop towel and any clips.



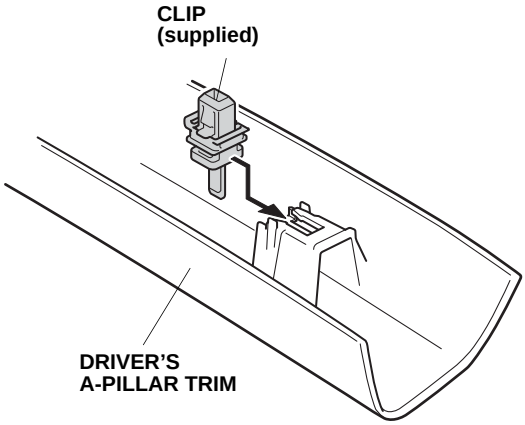
QB22906AK

9. Remove the remaining upper clip from the driver's A-pillar.



QB22907AK

10. Install the new clip (supplied) to the driver's A-pillar trim.
NOTE: When reinstalling the A-pillar trim, refer to the service manual for the correct overlap procedure.



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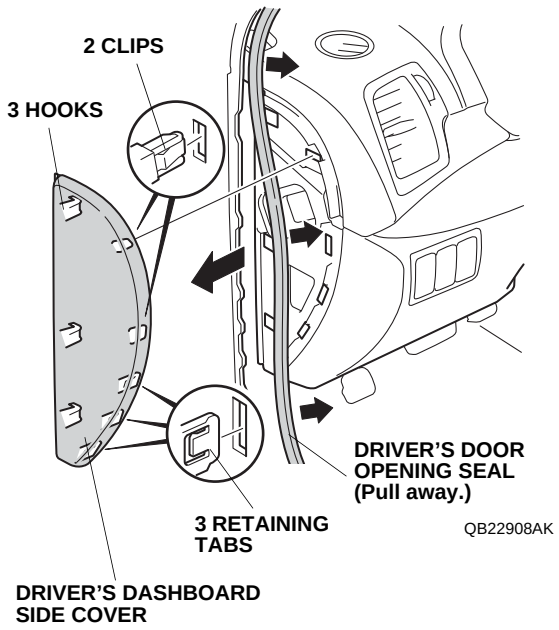
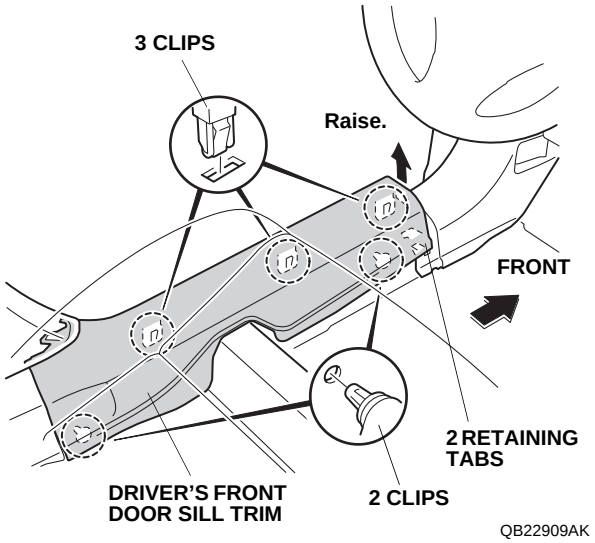
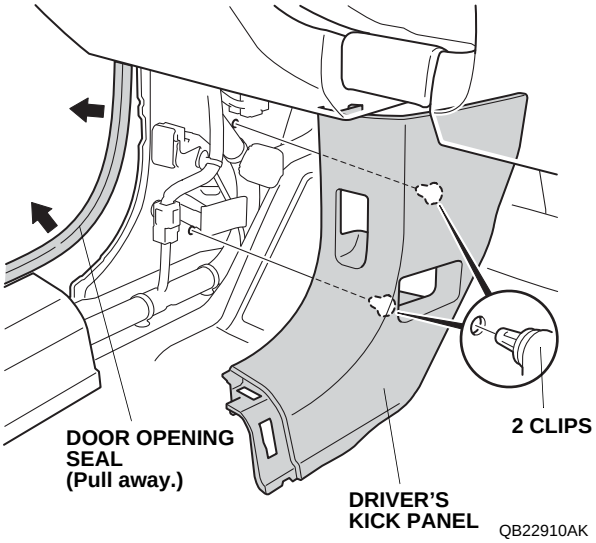
11. Pull away the driver's door opening seal from around the driver's dashboard side cover.



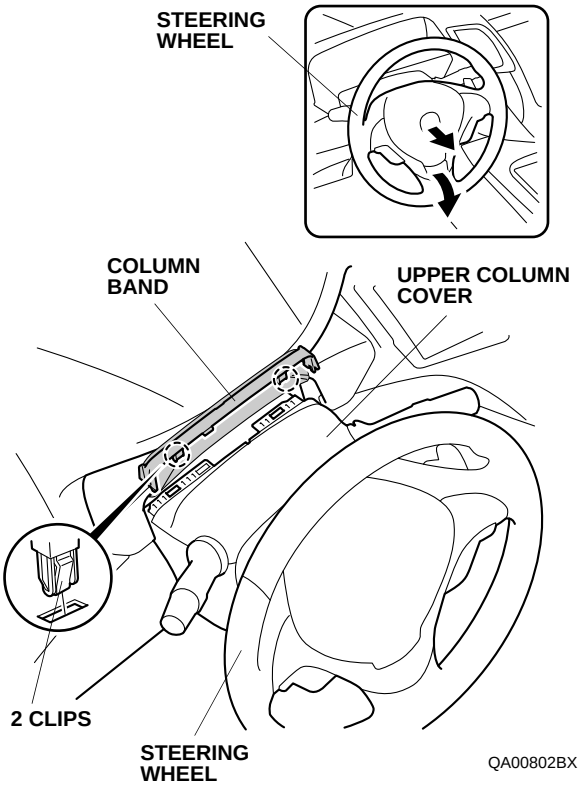
12. Remove the driver's dashboard side cover (two clips, three retaining tabs, and three hooks).
13. Release the driver's front door sill trim (five clips and two retaining tabs).



14. Pull away the door opening seal, and remove the driver's kick panel (two clips).



15. Reconnect the negative cable to the battery. Press the engine start/stop button to select the ON mode. Lower the tilt lever, and release the column band (two clips).



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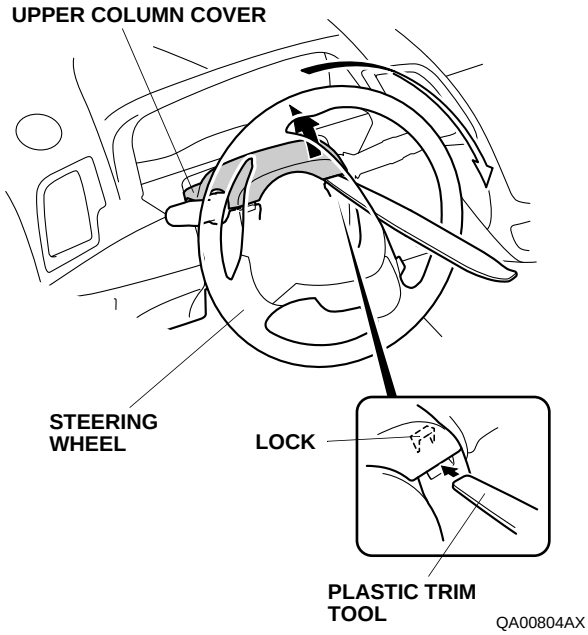
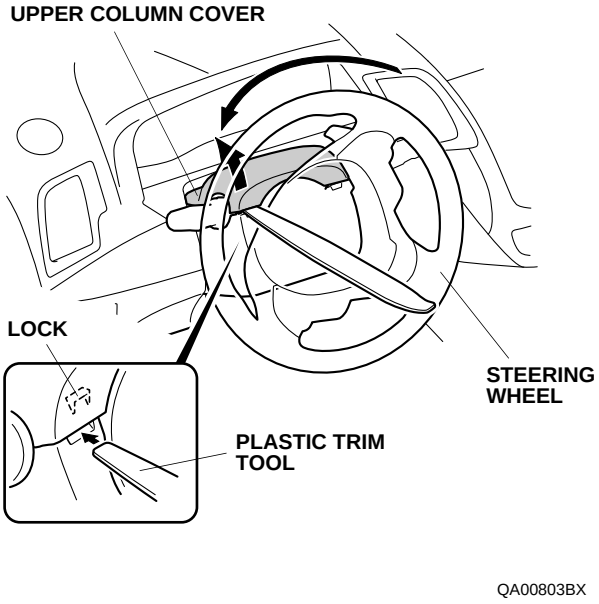
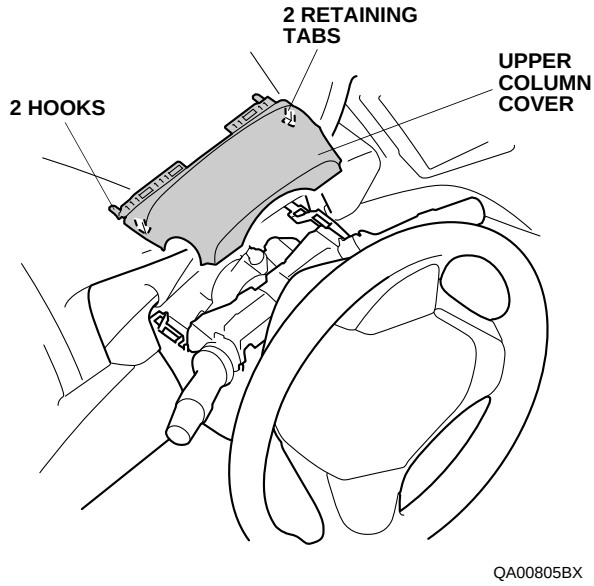
16. Turn the steering wheel 90° clockwise. Using a plastic trim tool, release the lock as shown.



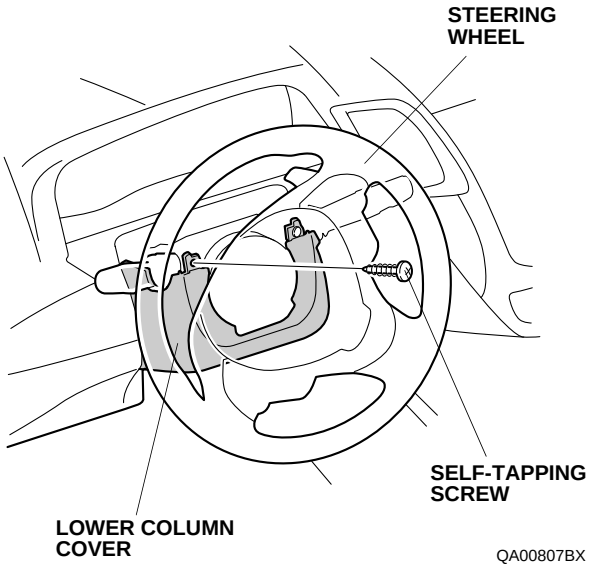
17. Turn the steering wheel 180° counterclockwise. Using a plastic trim tool, release the lock as shown.



18. Remove the upper column cover (two retaining tabs and two hooks).



19. Remove one self-tapping screw from the lower column cover.



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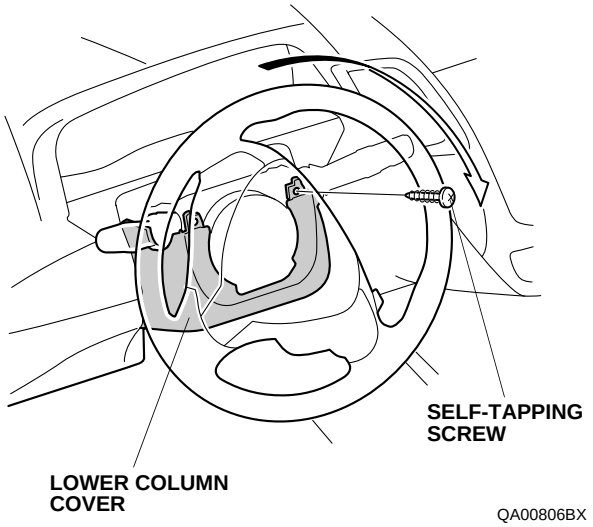
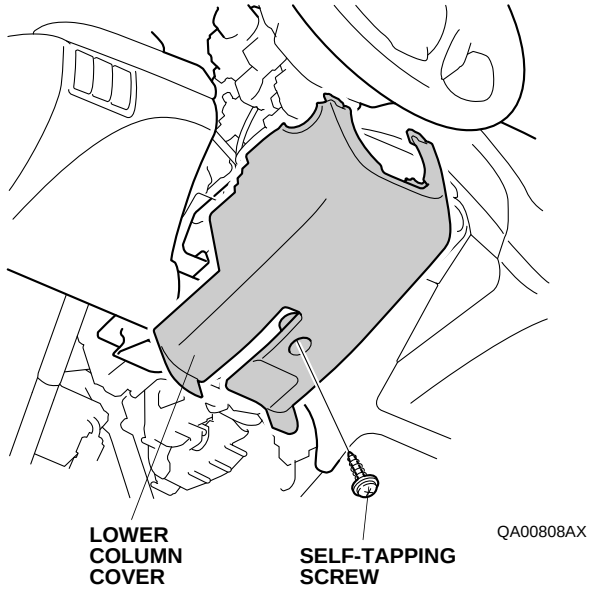
20. Turn the steering wheel 180° clockwise, and remove the other self-tapping screw from the lower column cover.

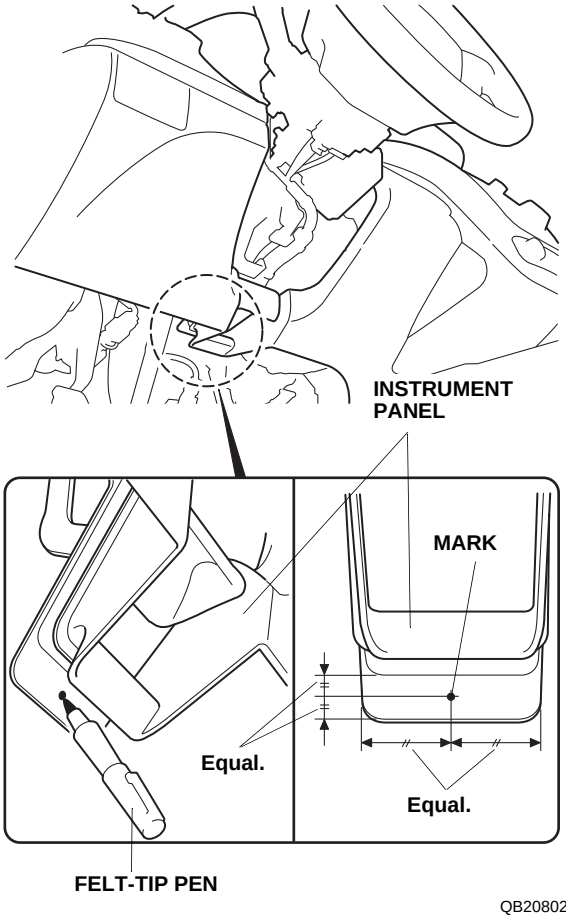


21. Remove the lower column cover (one self-tapping screw).

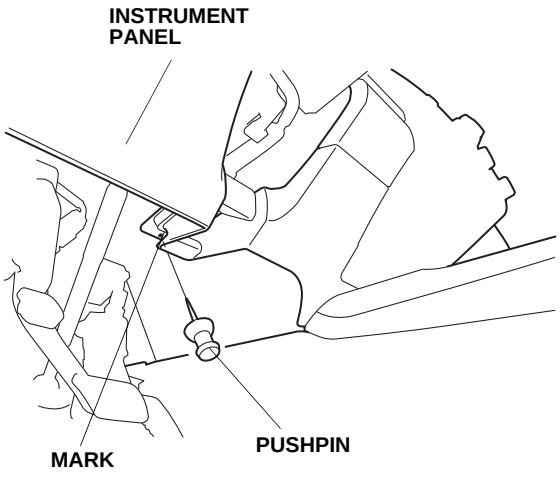


22. Press the engine start/stop button to select the OFF mode. Disconnect the negative cable from the battery.

23. Using a felt-tip pen, mark the instrument panel at the measurements shown.



24. Using a pushpin, pierce the mark on the instrument panel.



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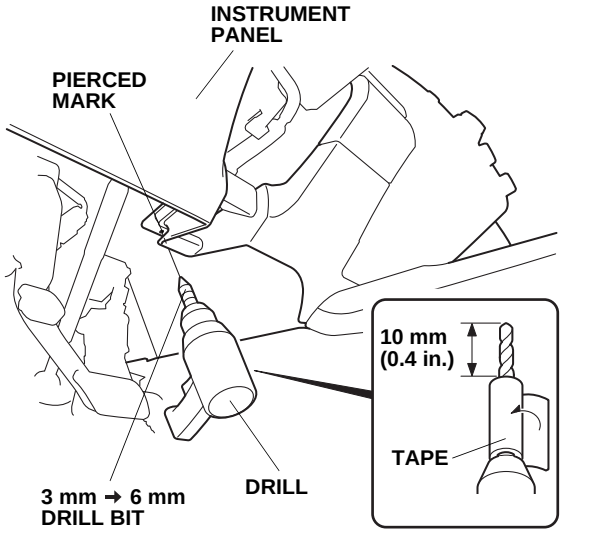
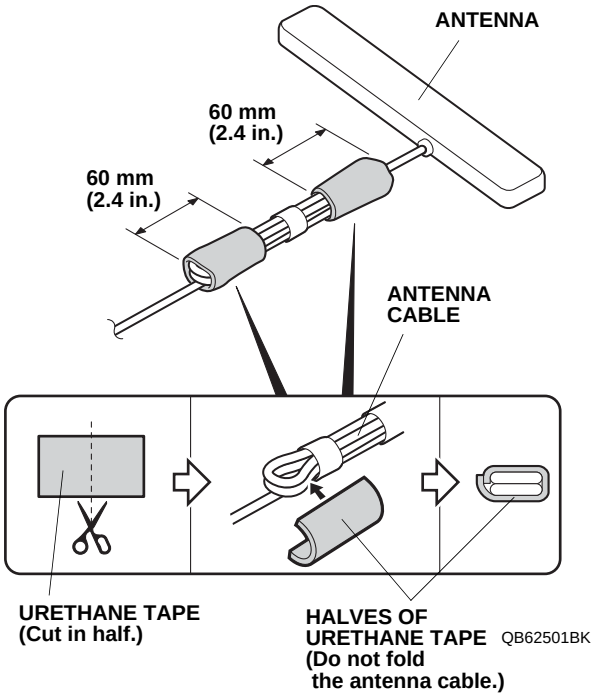
25. While wearing eye protection, drill the pierced mark with a 3 mm drill bit, then enlarge the hole with a 6 mm drill bit. Remove any burrs.
To prevent drilling through the inner panel, wrap tape around the drill bit 10 mm (0.4 in.) away from the tip or use a drill stop.



QB20804AK

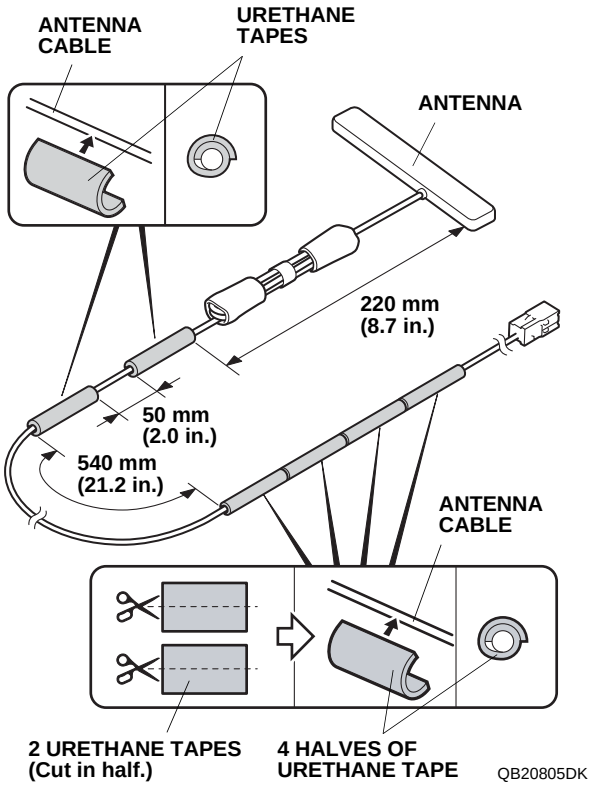
Installing the Antenna

26. Using scissors, cut one urethane tape in half. Wrap two halves of urethane tape to the antenna cable as shown.



QB62501BK

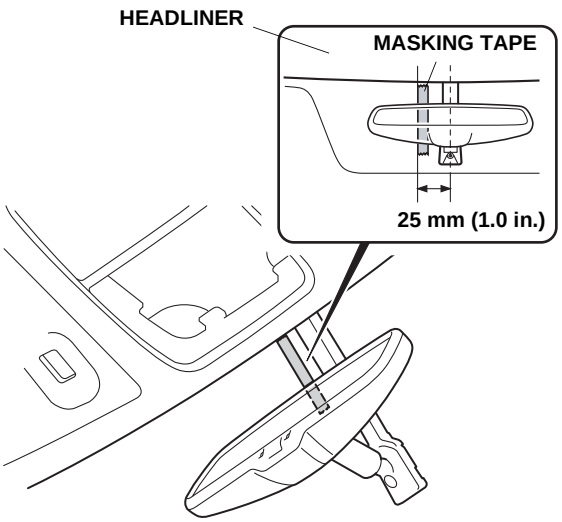
27. Starting near the antenna end of the cable, wrap two urethane tapes around the antenna cable at the measurements shown.



QB20805DK

28. Using scissors, cut two urethane tapes in half. Wrap four halves of urethane tape around the antenna cable at the measurements shown.

29. Attach the antenna.
    - Attach masking tape to the windshield at the measurement shown.



QB20901DK

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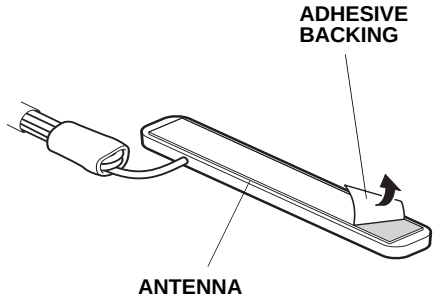
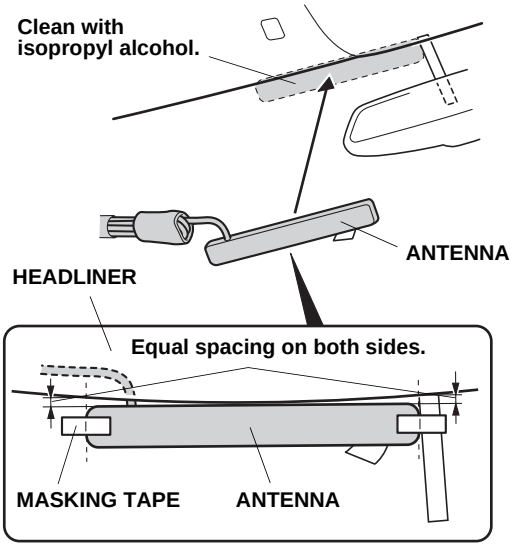
- Fold back the adhesive backing from the antenna as shown.



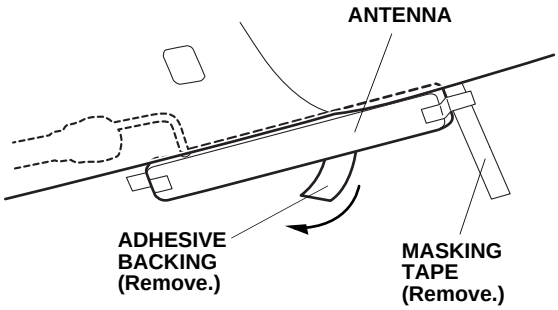
QB51401CH

- Using isopropyl alcohol on a shop towel, clean the windshield where the antenna will attach.
- Attach the antenna with masking tape. Adjust the position of the antenna so there is equal spacing on both sides.



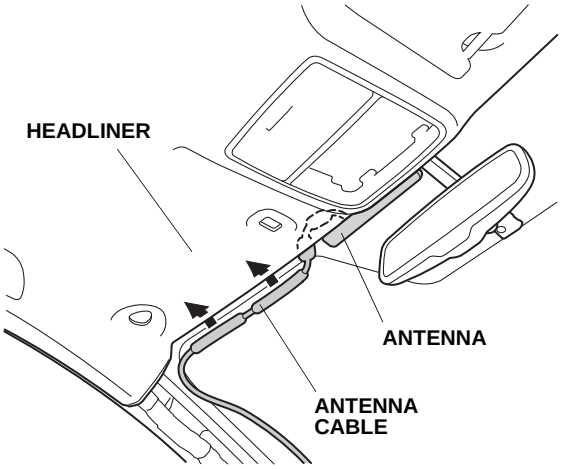
QB51404CH

- Carefully remove the adhesive backing from the antenna, and attach the antenna to the windshield. Press and hold the antenna firmly in place for 30 seconds.
- Remove the masking tape.



QB51405CH

30. Gently pull down the headliner, and tuck the antenna cable under the headliner. Be careful not to crease the headliner.



QB20902CK

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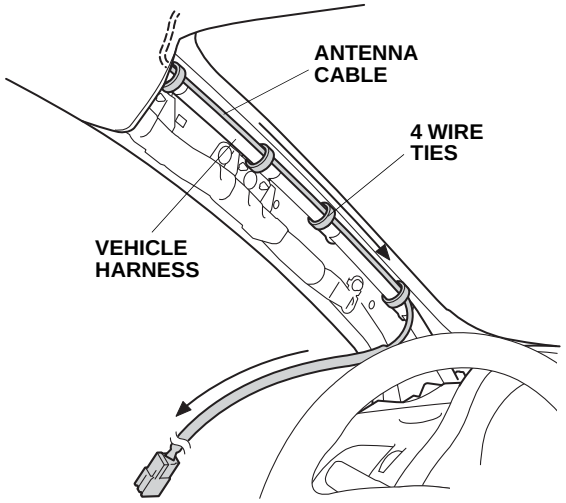
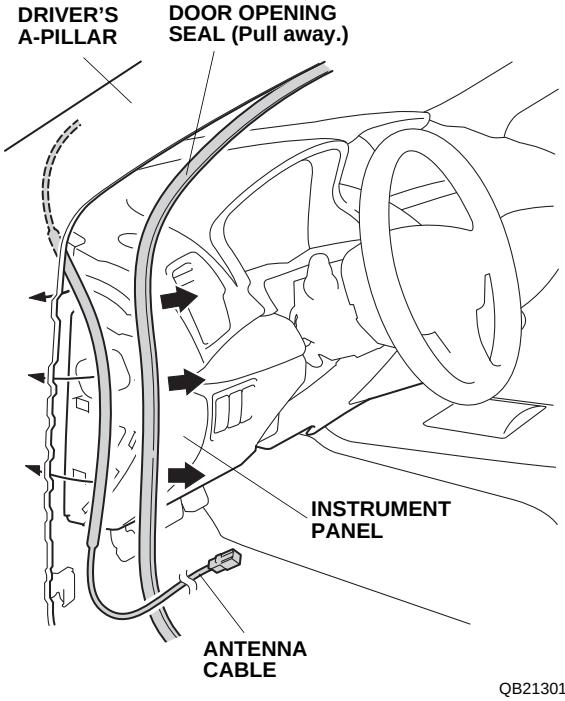
31. Route the antenna cable down the A-pillar as shown. Using four wire ties, secure the antenna cable to the vehicle harness.



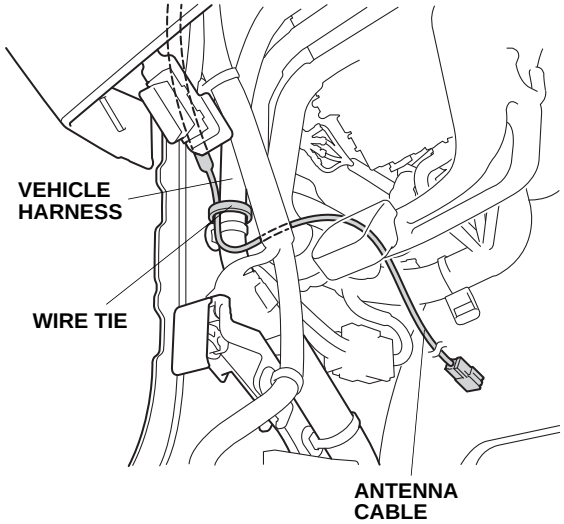
QB20903BK

32. Pull away the door opening seal. Route the antenna cable down next to the instrument panel, and tuck the antenna cable between the driver's A-pillar and the instrument panel. Reinstall the door opening seal.



QB21301CK

33. Using one wire tie, secure the antenna cable to the vehicle harness.



QB21302AK

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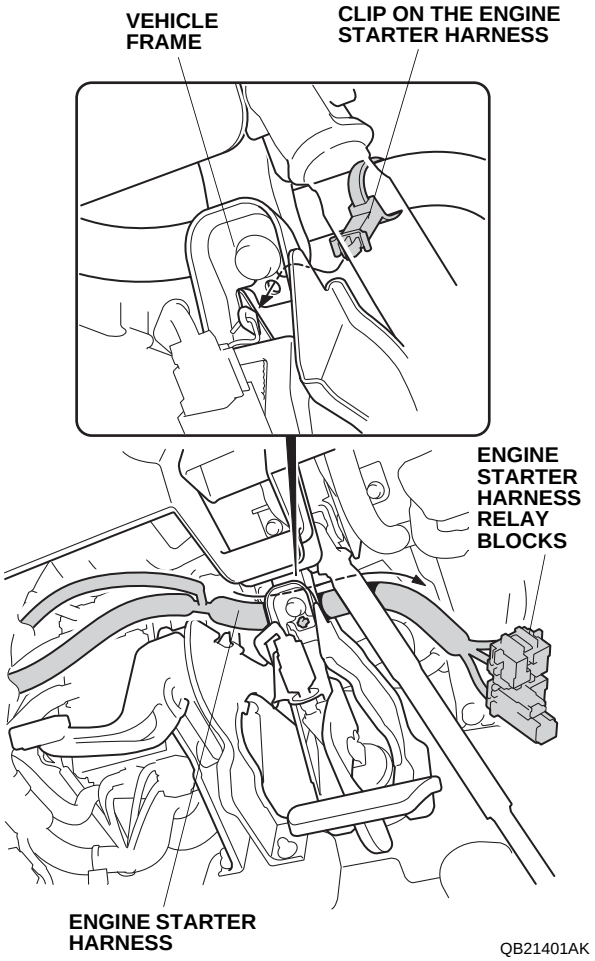
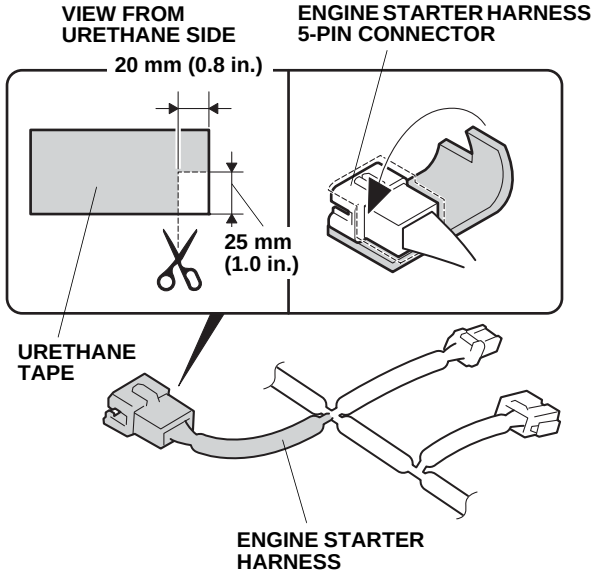
Routing the Engine Starter Harness

34. Route the engine starter harness as shown. Attach the clip on the engine starter harness to the vehicle frame.



35. Using scissors, cut one urethane tape to the measurements shown. Wrap the cut urethane tape around the engine starter harness 5-pin connector.



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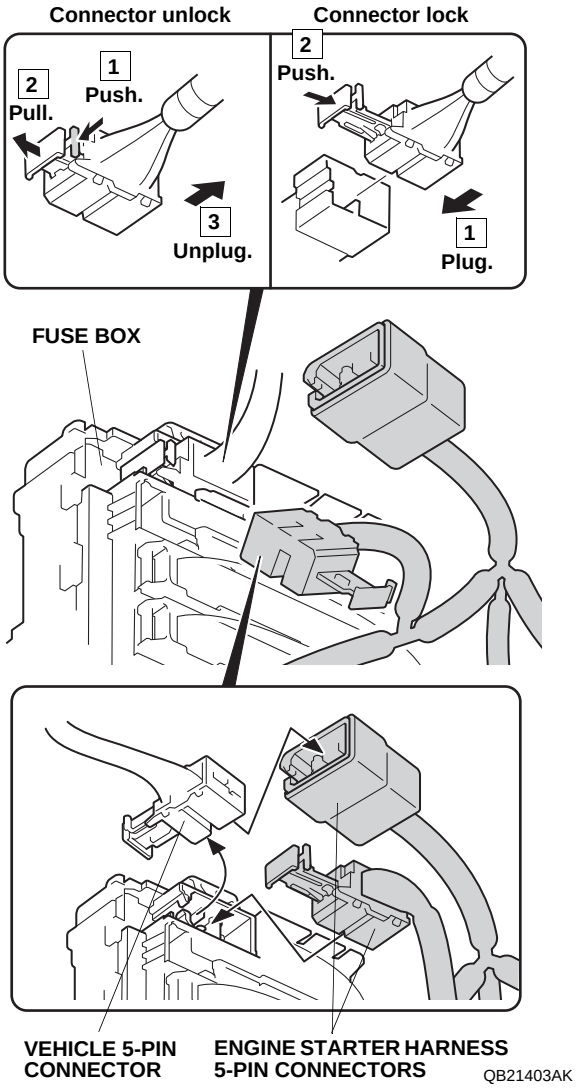
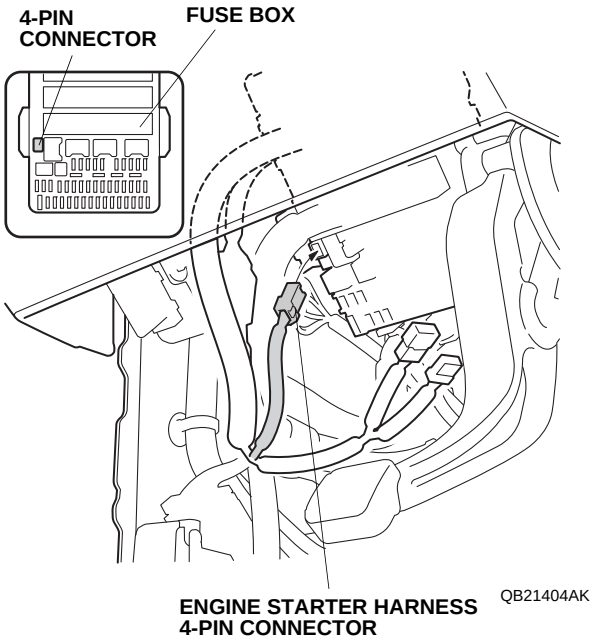
36. Unplug the vehicle 5-pin connector from the fuse box. Plug the engine starter harness 5-pin connector into the fuse box 5-pin connector. Plug the vehicle 5-pin connector into the engine starter harness 5-pin connector.
NOTE: Make sure the engine starter harness 5-pin connector is securely connected to the fuse box 5-pin connector. A loose connection can cause the engine to stall.



37. Plug the engine starter harness 4-pin connector into the fuse box.



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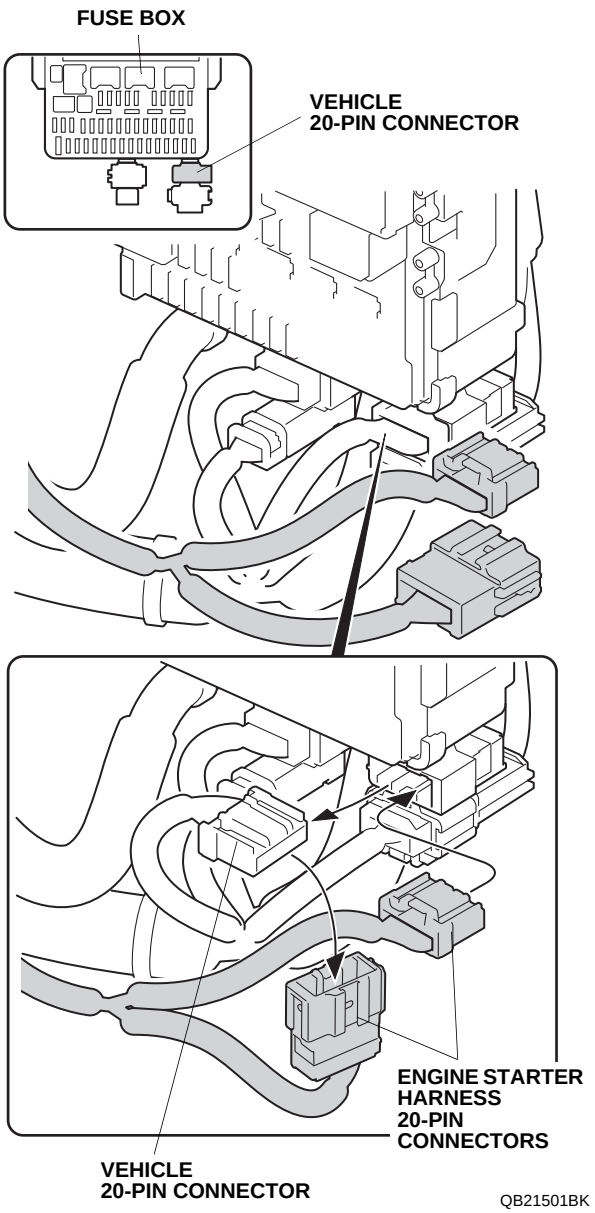
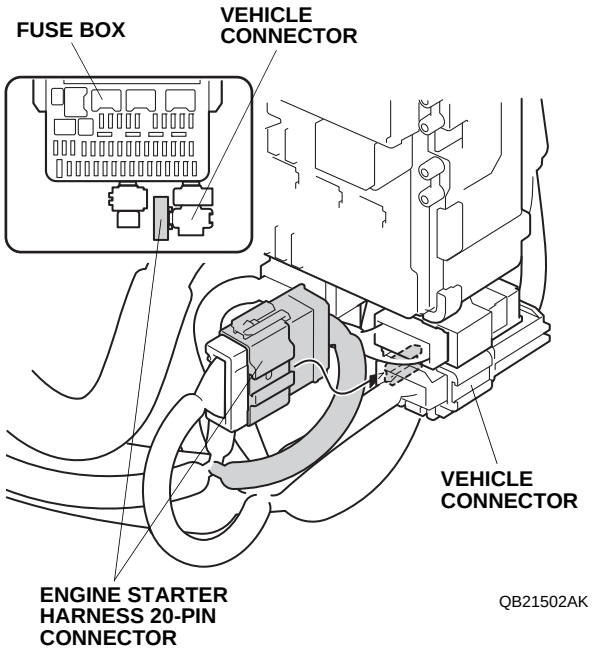
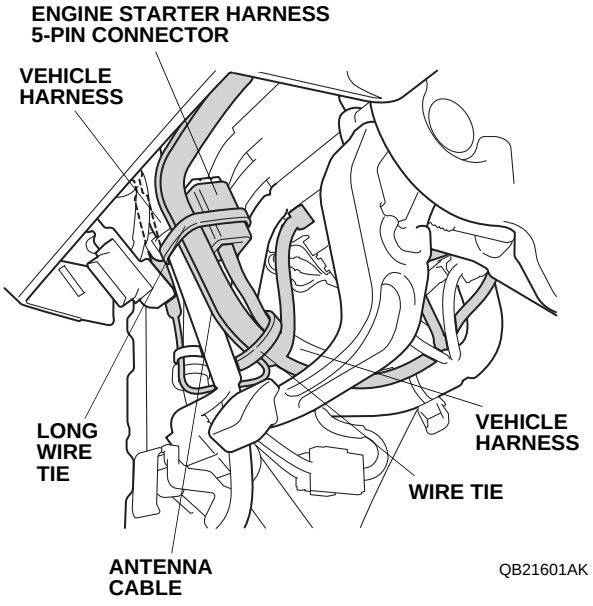
38. Unplug the vehicle 20-pin connector, and plug it into the engine starter harness 20-pin connector. Plug the engine starter harness 20-pin connector into the vehicle 20-pin connector.



39. Attach the engine starter harness 20-pin connector to the vehicle connector as shown.



40. Using one long wire tie, secure the engine starter harness 5-pin connector and antenna cable to the vehicle harness.



41. Using one wire tie, secure the engine starter harness and antenna cable to the vehicle harness.

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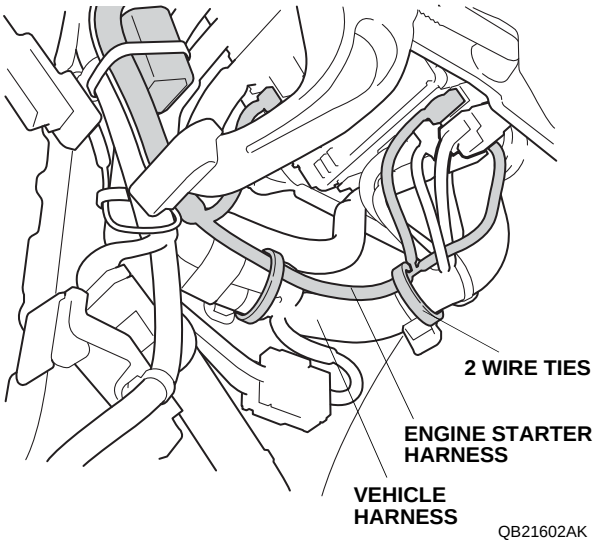
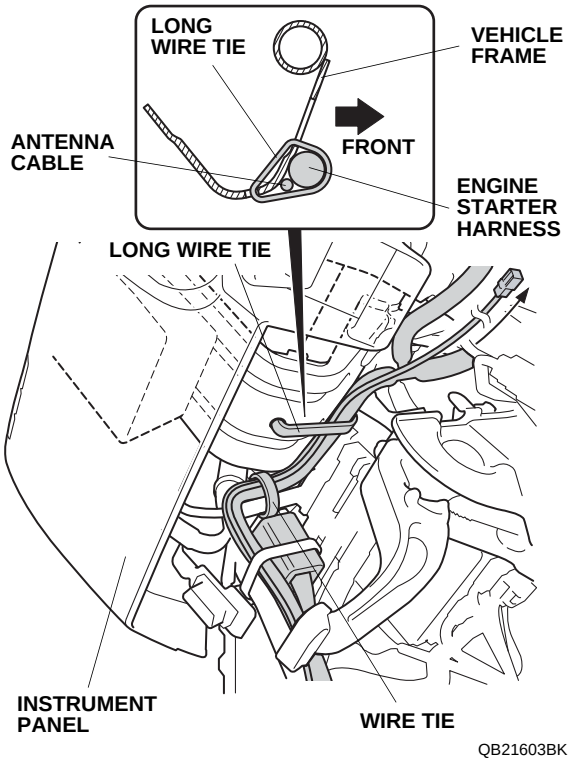
42. Using two wire ties, secure the engine starter harness to the vehicle harness.

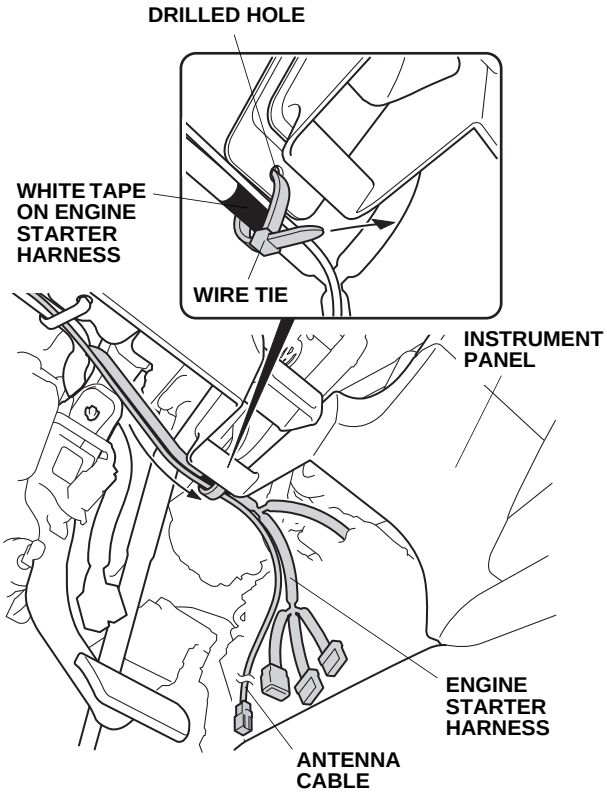


43. Using one long wire tie, secure the engine starter harness and antenna cable to the vehicle frame.



44. Using one wire tie, secure the engine starter harness and antenna cable to the vehicle harness.

45. Secure the engine starter harness and antenna cable to the drilled hole in the instrument panel with one wire tie at the white tape on the engine starter harness.



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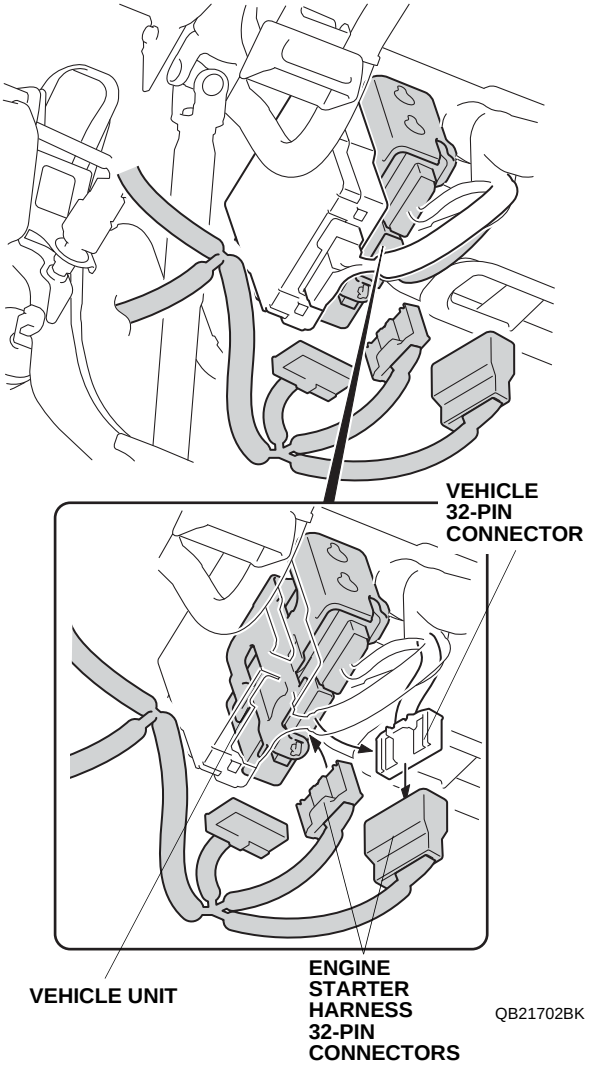
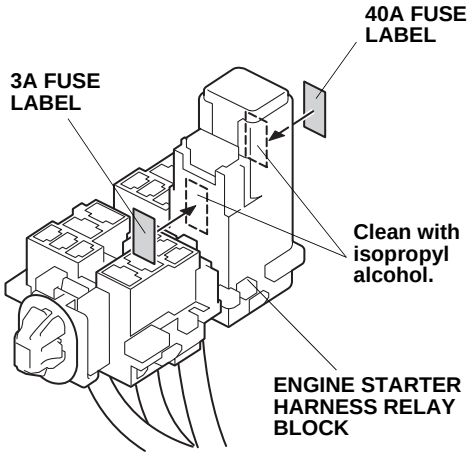
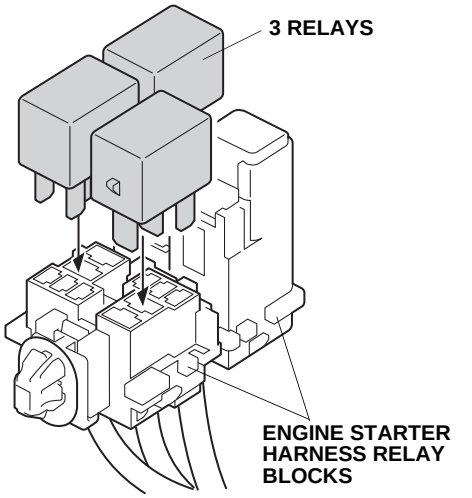
46. Unplug the vehicle 32-pin connector from the vehicle unit, and plug it into the engine starter harness 32-pin connector. Plug the engine starter harness 32-pin connector into the vehicle unit.



47. Using isopropyl alcohol on a shop towel, clean the areas where the fuse labels will attach.



48. Attach one 40A fuse label and one 3A fuse label to the engine starter harness relay block.
49. Install three relays to the engine starter harness relay blocks.



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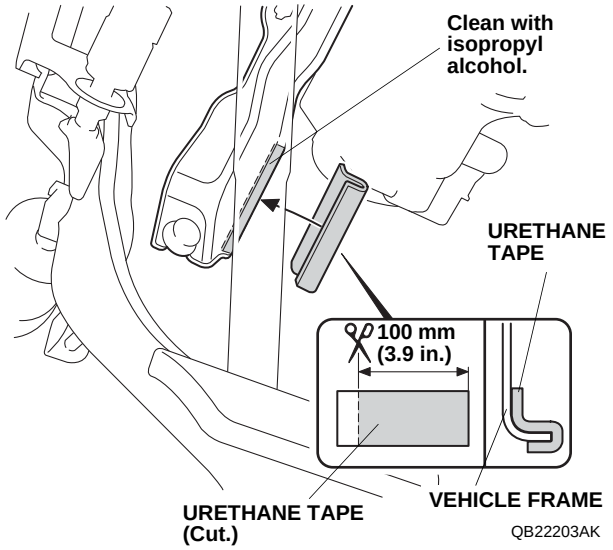
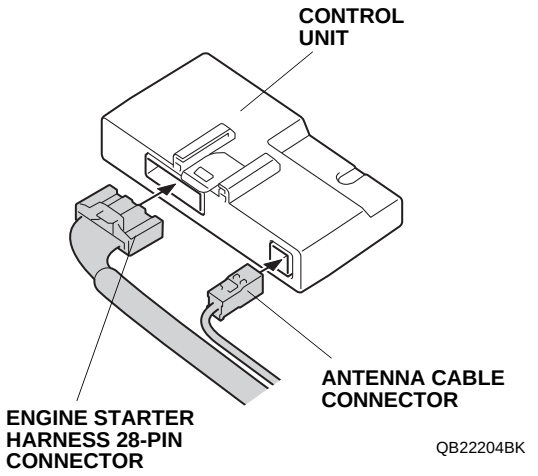
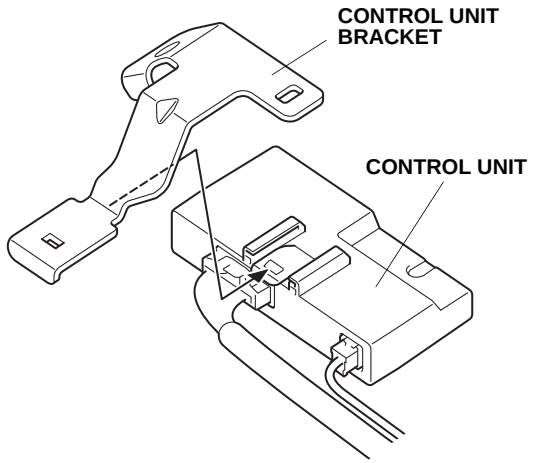
50. Using isopropyl alcohol on a shop towel, clean the area where the urethane tape will attach.



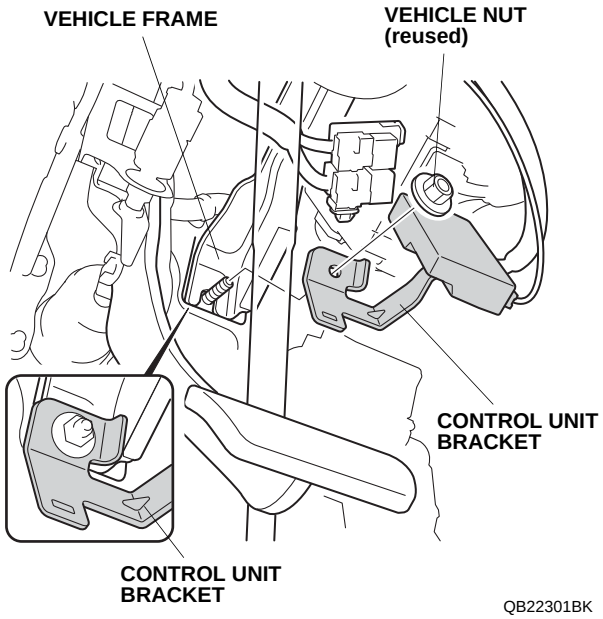
51. Using scissors, cut one urethane tape to the measurements shown. Attach the cut urethane tape to the vehicle frame.
52. Plug the antenna cable connector and engine starter harness 28-pin connector into the control unit.



53. Install the control unit bracket to the control unit.



54. Near the brake padel, remove the vehicle nut from the vehicle frame, and secure the control unit bracket to the vehicle frame with the vehicle nut.



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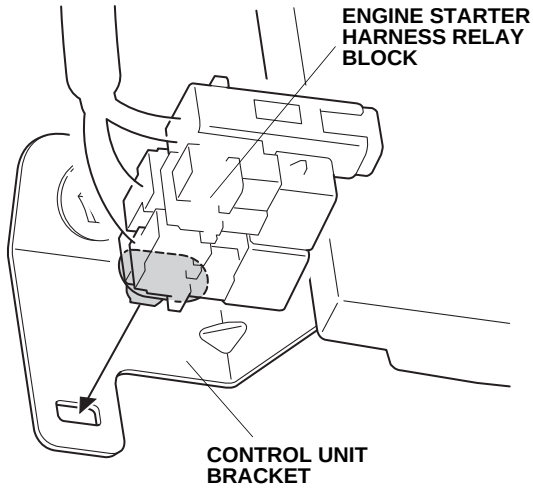
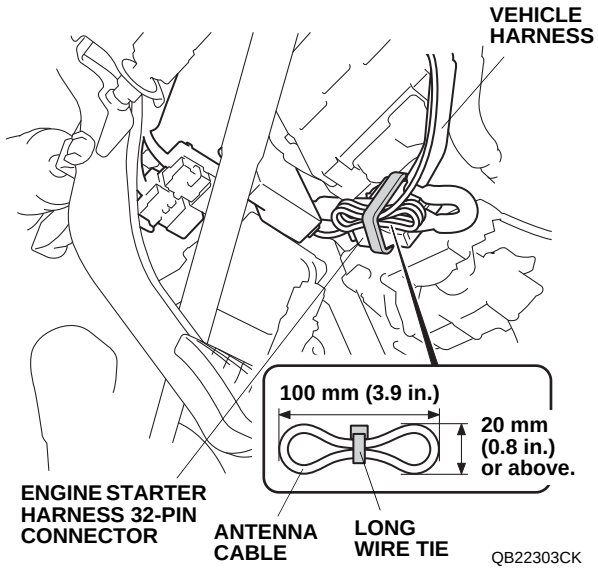
55. Attach the engine starter harness relay block to the control unit bracket.

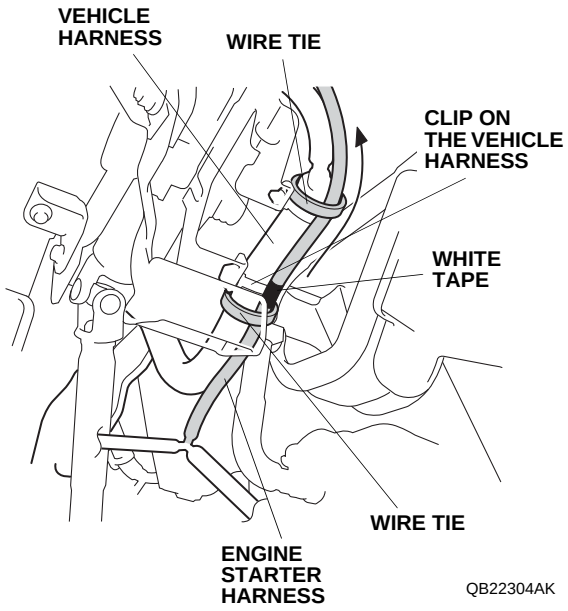


56. Bundle up the excess antenna cable as shown.



57. Using one long wire tie, secure the antenna cable and engine starter harness 32-pin connector to the vehicle harness.

58. Align the white tape on the engine starter harness with the clip on the vehicle harness, and secure the engine starter harness to the vehicle harness using one wire tie.



59. Using one wire tie, secure the engine starter harness to the vehicle harness.

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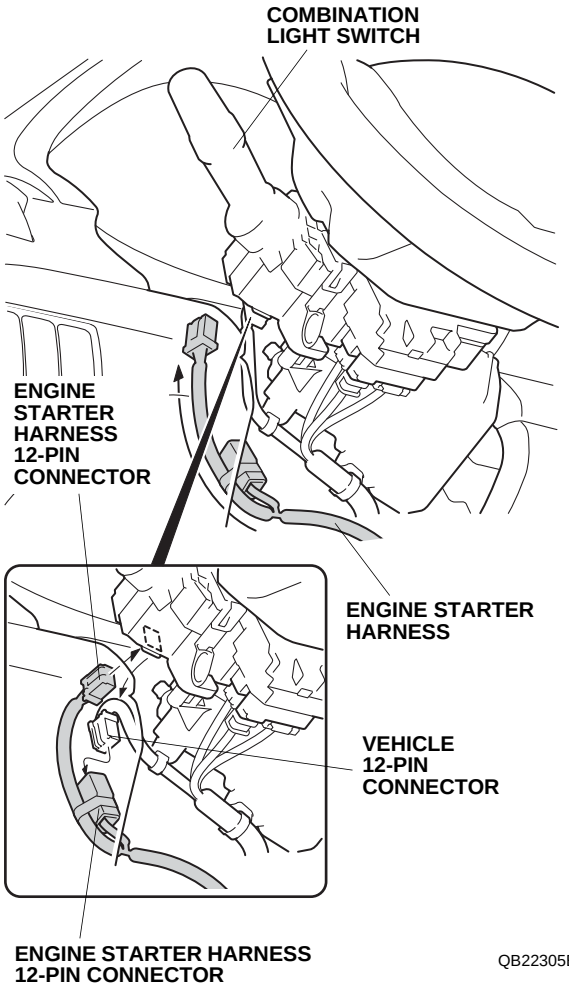
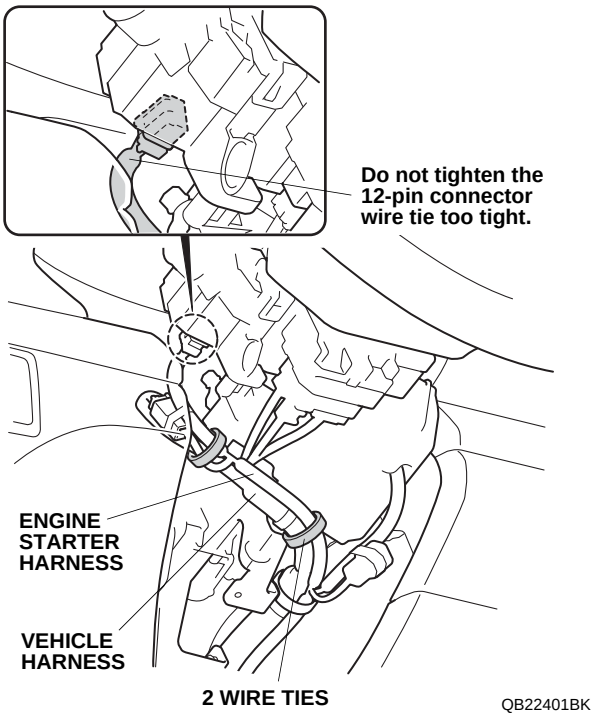
60. Unplug the vehicle 12-pin connector, and plug it into the engine starter harness 12-pin connector. Plug the remaining engine starter harness 12-pin connector into the combination light switch.



61. Using two wire ties, secure the engine starter harness to the vehicle harness.



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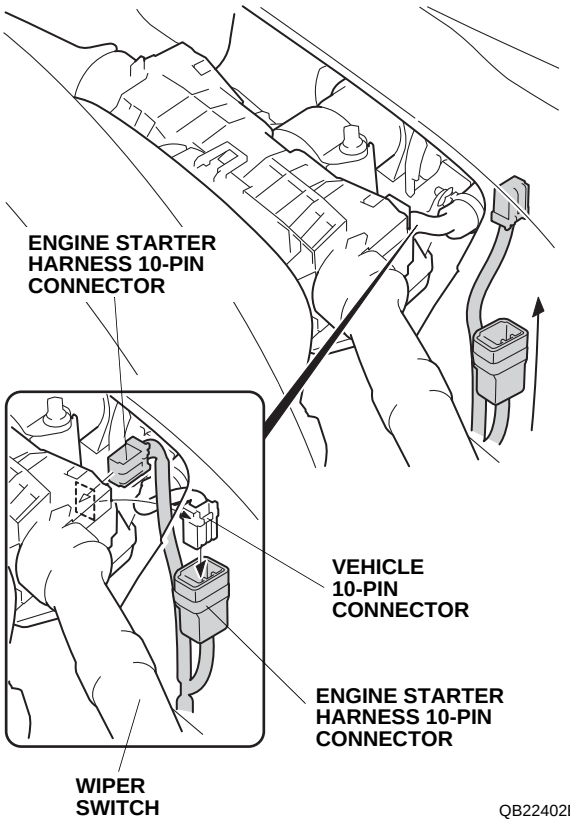
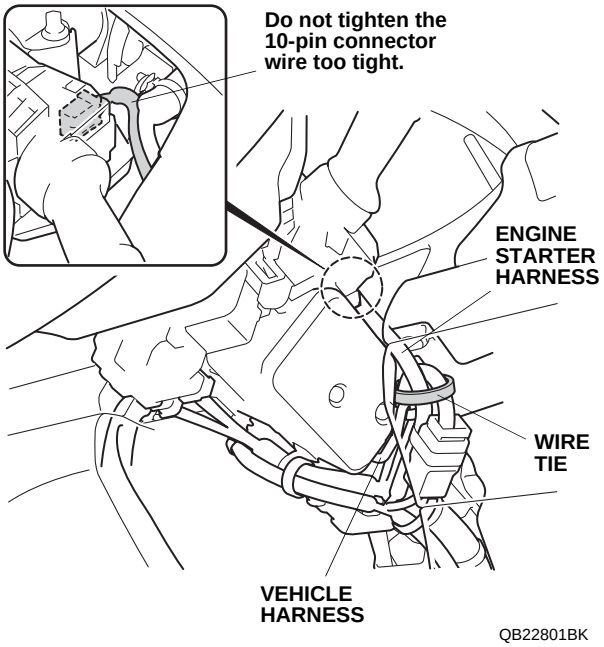
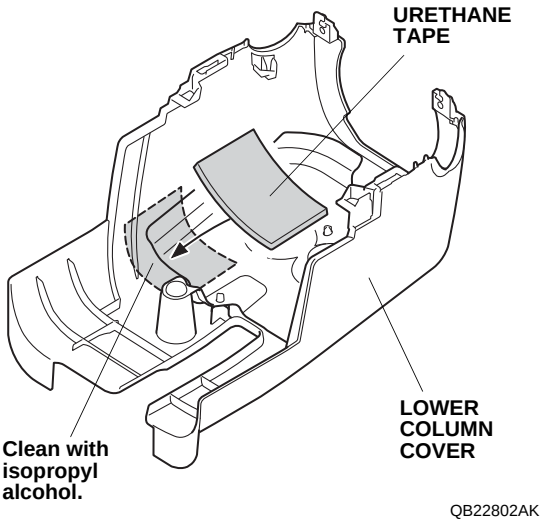
62. Unplug the vehicle 10-pin connector, and plug it into the engine starter harness 10-pin connector. Plug the remaining engine starter harness 10-pin connector into the wiper switch.



63. Using one wire tie, secure the engine starter harness to the vehicle harness.
NOTE: Make sure that the connectors and harness are not pinched, or are not interfering with the steering wheel when it is moved for adjustment.



64. Using isopropyl alcohol on a shop towel, clean the area where one urethane tape will attach.



65. Attach the urethane tape to the lower column cover in the area as shown.

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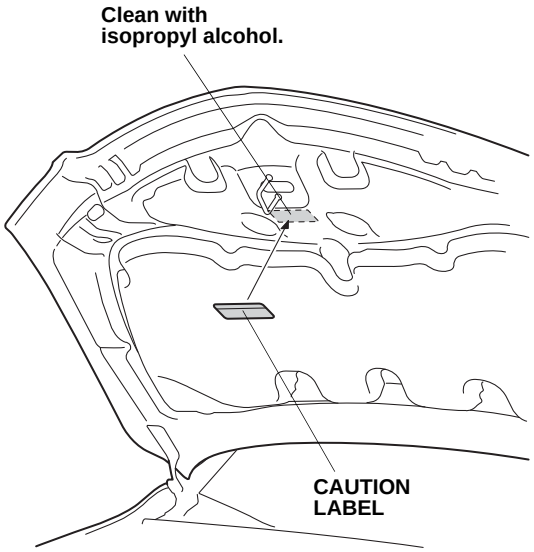
66. Using isopropyl alcohol on a shop towel, clean the hood where the caution label will attach.

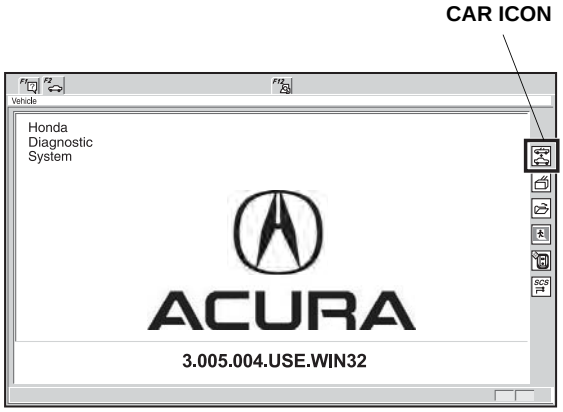


QB22803BK

67. Attach the caution label to the hood in the area shown.
68. Check that all wire harnesses are routed properly and all connectors are plugged in.
69. Check the overlap between the headliner and the driver's A-pillar trim. Refer to the service manual. If necessary, adjust the overlap.
70. Reinstall all removed parts.
71. Reconnect the negative cable to the battery.
72. Press and hold the radio power button for two seconds to restore the radio and navi (if equipped) system functions.
73. Reset the clock.
74. Perform the "REMOTE ENGINE STARTER REGISTRATION" and the "FUNCTION CHECK".

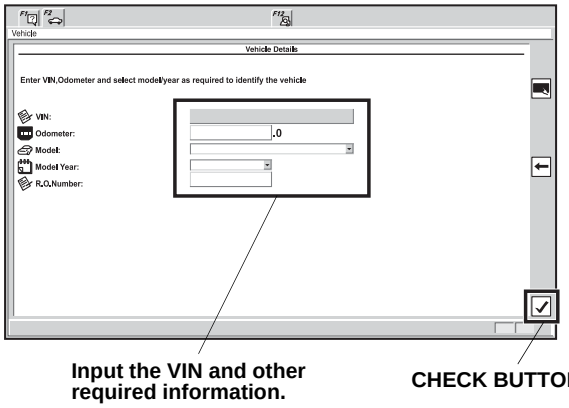
REMOTE ENGINE STARTER REGISTRATION

1. Acquire the PCM Code from the Interactive Network.



QB70450AH

2. Connect the HDS/MVCI tester to the OBD II data link connector, then turn the ignition switch to the on (II) position.
3. Start the HDS, and click the car icon.
4. Input the VIN and other required information into the HDS, then click the check button.



QB32102BH

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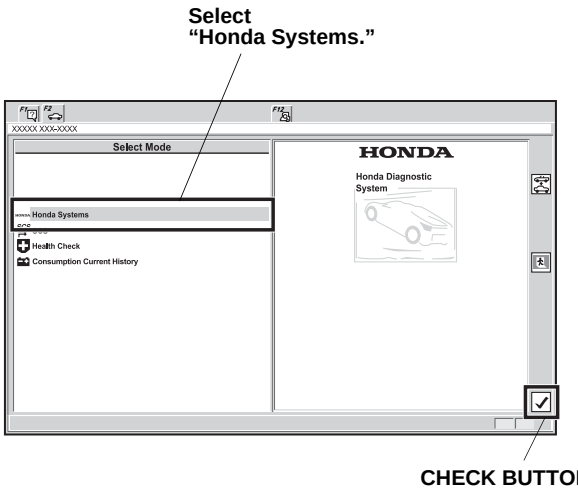
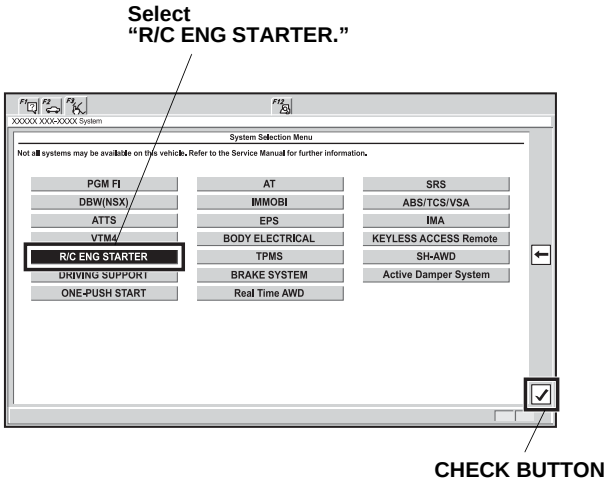
5. Select **Honda Systems**, then click the check button.



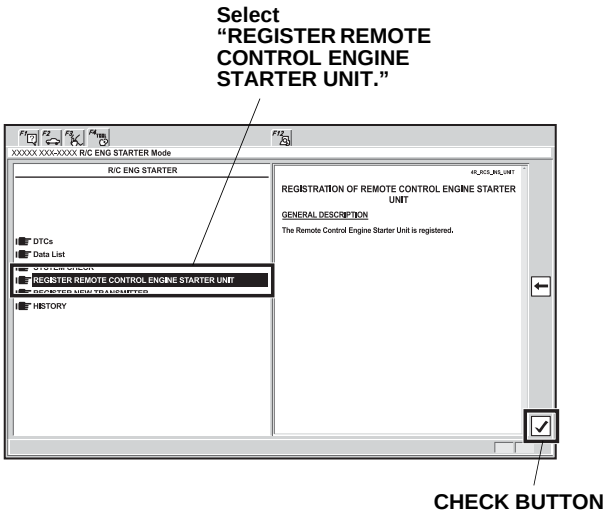
QB32103AH

6. Select **R/C ENG STARTER** and click the check button.



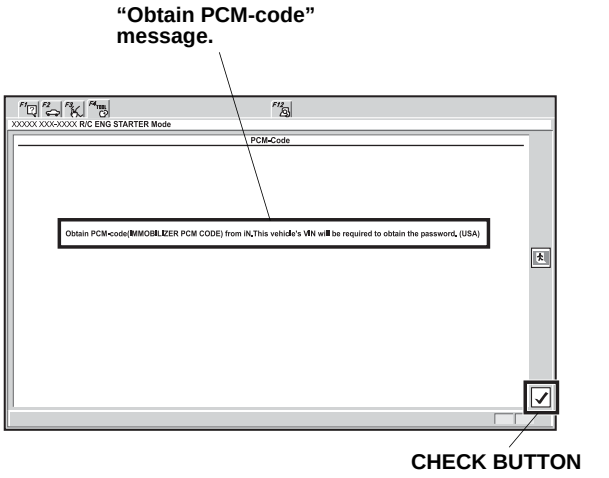
QB32104AH

7. Select **REGISTER REMOTE CONTROL ENGINE STARTER UNIT**, then click the check button.



QB32105BH

8. The following message will display: **Obtain PCM-code (IMMOBILIZER PCM CODE) from iN. This vehicle's VIN will be required to obtain the password. (USA)** Click the check button.



QB32106AH

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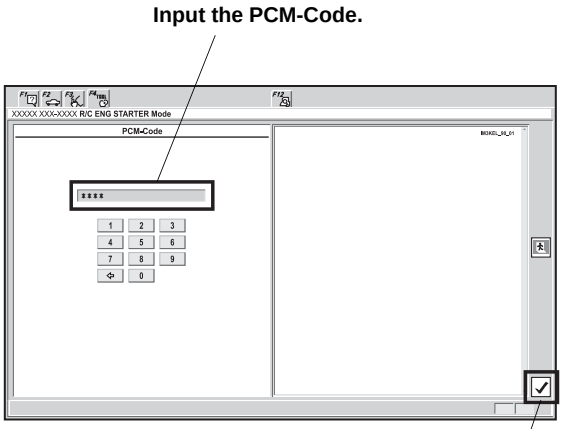
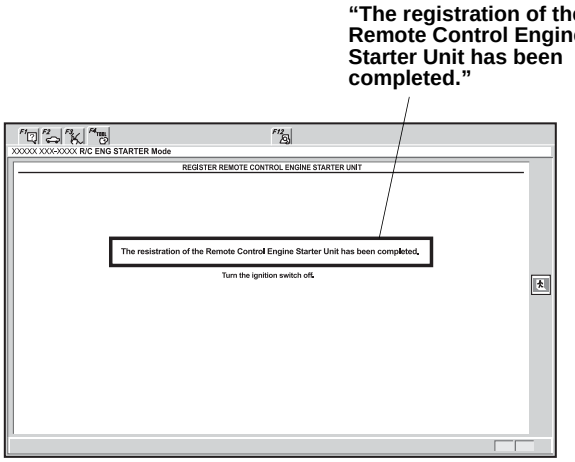
9. Input the PCM-code, then click the check button. NOTE: To ensure security, the PCM-code (password) is changed everyday, so it is impossible to register the remote control engine starter if the dates of the PCM-code acquisition and registration are different. The date of the HDS/MVCI tester should also be the same.



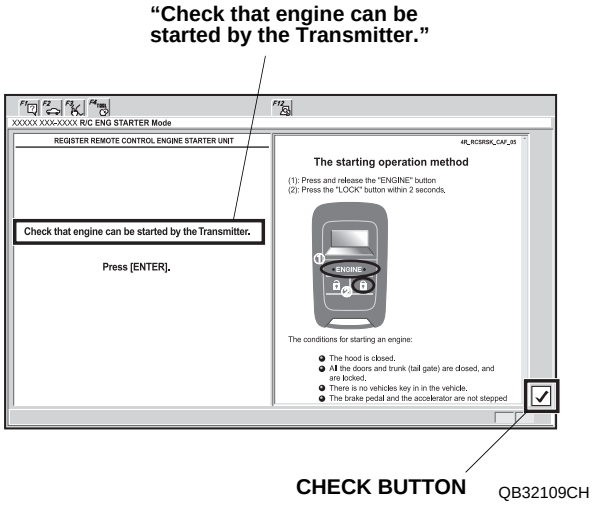
QB32107BH

10. The following message will display: **The registration of the Remote Control Engine Starter Unit has been completed.** Turn the ignition switch off.



QB32108CH

11. The following message will display: **Check that engine can be started by the Transmitter.** Click the check button.



QB32109CH

12. Perform the FUNCTION CHECK on page 24, then disconnect the HDS/MVCI.

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FUNCTION CHECK

Operating Conditions

- The hood is closed
- The shift lever is in park
- Turn the ignition switch off and the key is outside the vehicle
- All doors and tailgate closed and locked

Inspection

1. Press the engine/command button on the transmitter, and release, within 2 seconds, press the lock/start button on the transmitter.

   The engine should start if all operating conditions are met.

Does the engine start?

Yes - Operation is normal.
No: • Make sure all “Operating Conditions” are met. • Check the engine starter harness connections. • Connect the HDS/MVCI and check for an indicated failure. (Refer to the appropriate Service Manual for details.)

2. Press the engine/command button on the transmitter and release, within 2 seconds, press the unlock/stop button. The engine should stop.

Does the engine stop?

Yes - Operation is normal.
No - Check the engine starter harness connections.

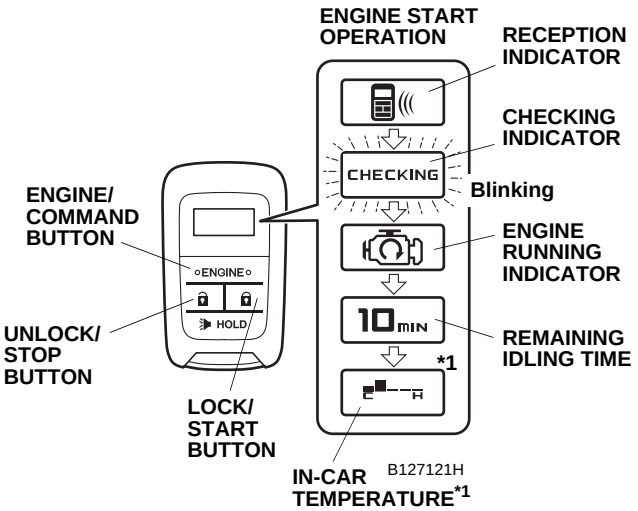
3. After the engine has stopped, start the engine again, and check that the engine stops after each of the following conditions:

NOTE: After each test the ignition key must be cycled, or the driver’s door must be opened and closed.

- Move the shift lever out of the P position.
- Unlock or open the doors or the tailgate.
- Open the hood.
- Press on the brake pedal.
- Press the engine start/stop button.

Does the engine stop after each of these tests?

Yes - Operation is normal.
No - Check the engine starter harness connections.



***1 Only on vehicles equipped with the automatic climate control. This indicator is displayed for some vehicles among them.**

4. Check that the power windows and the moonroof do not function, and the shift lever does not move to any position when the engine is started with the transmitter.
5. Check that the engine does not start under “Operating Conditions” with the key left inside the vehicle.
6. Start the engine again, press the engine/command button on the transmitter two times, and check the vehicle condition on the display.
7. Check the operation of the transmitter when the vehicle is 120 m (400 ft.) away and in direct sight.

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8. Press the unlock/stop button on the transmitter and verify that the doors unlock. Press the lock/start button, and verify that the doors lock.
    - For the vehicle equipped with the memory seat, make sure to shift the seat position of driver's seat to "Driver 1" by unlock of transmitter.
9. Check that the engine can start by the vehicle key and that the wiper and the headlight can be operated normally.

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